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Amy J. Martin

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Brielmeier et al.

Group Art Unit: Not Assigned

Serial No.: Not Assigned

Examiner: Not Assigned

Filed: Herewith

Docket No.: 1406/32

For: SYSTEM AND METHOD FOR HEALTH MONITORING OF AQUATIC SPECIES

* *

PRELIMINARY AMENDMENT

Honorable Commissioner for Patents
BOX PATENT APPLICATION
PO Box 2327
Arlington, Virginia 22202

Dear Sir:

Kindly amend the subject application as follows:

IN THE SPECIFICATION:

Please insert the paragraph heading on page 1 of the subject application, before the title, as follows:

--Description--.

IN THE CLAIMS:

Please insert the paragraph heading on page 16 of the subject application, before claim 1, the following:

-- What is claimed is: --.

Please amend claims 2-7 and 9-14 as follows:

2. (Amended) System according to claim 1, having at least one quality monitoring device for an additionally examination of the used water supplied from the at least one sample point.

3. (Amended) System according to claim 1, wherein said containments are aquaria, tanks, basins, pools, partitions of creeks, rivers or lakes and such like.

4. (Amended) System according to claim 1, wherein the system is a re-circulating system.

5. (Amended) System according to claim 1, having at least one fresh water reservoir for supplying fresh water via water supply pipes to said containments.

6. (Amended) System according to claim 1, having water pumps providing a constant pressure in the system and water renewal in said containments.

7. (Amended) System according to claim 4, having a filtration system.

9. (Amended) System according to claim 4, having collecting pipes for collecting and supplying the used water to said particulate-filter unit, said bio-filter unit and said activated carbon-filter unit, being placed behind each other in downstream direction.

10. (Amended) System according to claim 4, having a pump reservoir to which the used water is supplied via said particulate-filter unit, said bio-filter unit and said activated carbon-filter unit and to which tap water is supplied via a reverse osmosis unit.

11. (Amended) System according to claim 4, wherein said UV-sterilization unit is placed between said pump reservoir and said fresh water reservoir.

12. (Amended) System according to claim 4, wherein said fine filter unit is placed between said UV-sterilization unit and said fresh water reservoir.

13. (Amended) System according to claim 4, wherein sample points are placed for fresh water sampling, water reservoir sampling, sentinel containment sampling, exit water sampling, pipe sampling, filter sampling, fresh tap water sampling, reverse osmosis unit sampling, pump reservoir sampling, pump sampling, UV-sterilization unit sampling and/or fine filter unit sampling.

14. (Amended) System according to claim 1, wherein the aquatic species ore fish and wherein the sentinel aquatic species are fish, which are highly susceptible for fish pathogens.

REMARKS

The amendments to the specification as set forth above are intended to clarify and set apart the various sections of the subject application.

The amendments to the claims as set forth above are intended to remove all multiple dependent claims from the subject application and to more particularly point out and distinctly claim the subject invention.

Attached hereto is a marked-up version of the specification and claims 2-7 and 9-14, which illustrates all of the changes made to the specification and claims pursuant to 37 CFR §1.121. The attached page is captioned "**Version With Markings To Show Changes Made**". Deleted language is bracketed and added language is underlined.

DEPOSIT ACCOUNT

The Commissioner is hereby authorized to charge any deficiencies or credit any overpayments in connection with the filing of this correspondence to Deposit Account No. **50-0426**.

Respectfully submitted,

JENKINS & WILSON, P.A.

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1406/32 REJ/lsg

Serial No.: Not yet assigned

Version With Markings To Show Changes Made

IN THE SPECIFICATION:

The paragraph heading has been inserted on page 1 of the subject application, before the title, as follows:

Description

IN THE CLAIMS:

The paragraph heading has been inserted on page 16 of the subject application, before claim 1, as follows:

What is claimed is:

2. (Amended) System according to claim 1, [characterized by] having at least one quality monitoring device for an additionally examination of the used water supplied from the at least one sample point.

3. (Amended) System according to claim 1 [or 2], wherein said containments are aquaria, tanks, basins, pools, partitions of creeks, rivers or lakes and such like.

4. (Amended) System according to [at least one of the preceding claims] claim 1, wherein the system is a re-circulating system.

5. (Amended) System according to [at least one of the preceding claims, characterized by] claim 1, having at least one fresh water reservoir for supplying fresh water via water supply pipes to said containments.

6. (Amended) System according to [at least one of the preceding claims, characterized by] claim 1, having water pumps providing a constant pressure in the system and water renewal in said containments.

7. (Amended) System according to [at least one of the claim 4 to 6, characterized by] claim 4, having a filtration system.

9. (Amended) System according to [at least one of the claims 4 to 8, characterized by] claim 4, having collecting pipes for collecting and supplying the used water to said particulate-filter unit, said bio-filter unit and said activated carbon-filter unit, being placed behind each other in downstream direction.

10. (Amended) System according to [at least one of claims 4 to 9, characterized by] claim 4, having a pump reservoir to which the used water is supplied via said particulate-filter unit, said bio-filter unit and said activated carbon-filter unit and to which tap water is supplied via a reverse osmosis unit.

11. (Amended) System according to [at least one of the claims 4 to 10] claim 4, wherein said UV-sterilization unit is placed between said pump reservoir and said fresh water reservoir.

12. (Amended) System according to [at least one of the claims 4 to 11] claim 4, wherein said fine filter unit is placed between said UV-sterilization unit and said fresh water reservoir.

13. (Amended) System according to [at least one of the claims 4 to 12] claim 4, wherein sample points are placed for fresh water sampling, water reservoir sampling, sentinel containment sampling, exit water sampling, pipe sampling, filter sampling, fresh tap water sampling, reverse osmosis unit sampling, pump reservoir sampling, pump sampling, UV-sterilization unit sampling and/or fine filter unit sampling.

14. (Amended) System according to [at least one of the preceding claims] claim 1, wherein the aquatic species ore fish and wherein the sentinel aquatic species are fish, which are highly susceptible for fish pathogens.